MMM MMM	AAAAAAA AAAAAAA	111111111	LLL
MMM MMM	AAAAAAAA	IIIIIIIII	LLL
ммммм ммммм	AAA AAA	111	LLL
ммммм ммммм	AAA AAA	111	LLL
ммммм мммммм	AAA AAA	111	LLL
MMM MMM MMM	AAA AAA	111	LLL
MMM MMM MMM	AAA AAA	III	III
MMM MMM MMM	AAA AAA	III	iii
MMM MMM	AAA AAA	iii	iii
MMM MMM	AAA AAA	iii	iii
MMM MMM	AAA AAA	iii	ill
MMM MMM	AAAAAAAAAAAAA	iii	ili
MMM MMM	AAAAAAAAAAAAA	iii	LLL
MMM MMM	AAAAAAAAAAAA	iii	
			LLL
MMM MMM	AAA AAA	III	LLL
MMM MMM	AAA AAA	111	LLL
MMM MMM	AAA AAA		LLL
MMM MMM	AAA AAA	111111111	LLLLLLLLLLLLLLL
MMM MMM	AAA AAA	111111111	LLLLLLLLLLLLLLL
MMM MMM	AAA AAA	IIIIIIIII	LLLLLLLLLLLLLL

S) M/ M/ M/ M/

MARKET PRESERVED

MA VC

MM MM MMMM MMM MMMM MMMM MM MM MM MM MM	AAAAAA AA AA AA AA AA AA AA AA AA AA AAAAAA		RRRRRRRR RRRRRRRR RR RR RR RR RR RR RRRRRR	
RRRRRRRR RRRRRRRR RR RR RR RR RR RR RR RR RRRRRR		QQQQQQQ QQ QQ QQ QQ		

Version: 'v04-000'

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! FACILITY: VAX/VMS MAIL UTILITY

ABSTRACT: MAIL REQUIRE FILE

ENVIRONMENT: NATIVE/USER MODE

AUTHOR: LEN KAWELL, CREATION DATE:

MODIFIED BY:

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V03-002 BLS0255 Benn Schreiber 28-Dec-1983

Remove old definitions, add implied new flag

V03-001 BLS0246 28-Nov-1983 Benn Schreiber

Add bit to flag confirmation.

```
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MAILREQ.REQ:1
  MACROS:
MACRO
          MAILSV_FACILITY =
                    ACILITY = ! MAIL facility (should be $M_)
(MAILS_FACILITY * $BITPOSITION(STS$V_FAC_NO))%;
MACRO
          DESCRIPTOR []= ! String descriptor UPLIT (%CHARCOUNT (%REMAINING), UPLIT BYTE (%REMAINING))%;
MACRO
          DYN_DESC_DECL =
                    BLOCK[8,BYTE] PRESET ([DSC$B_CLASS] = DSC$K_CLASS_D,
[DSC$B_DTYPE] = DSC$K_DTYPE_T)%;
MACRO
          INIT_DDESC(D) =
                                                            ! Init dynamic string descriptor
                    BEGIN
                    D[DSC$W_LENGTH] = 0;
D[DSC$B_CLASS] = DSC$K_CLASS_D;
D[DSC$B_DTYPE] = DSC$K_DTYPE_T;
D[DSC$A_POINTER] = 0;
          INIT_SDESC(D) =
                                                            !Init static string descriptor
                    BEGIN
                    D[DSC$W_LENGTH] = 0;
D[DSC$B_CLASS] = 0;
D[DSC$B_DTYPE] = 0;
D[DSC$A_POINTER] = 0;
                    ENDX:
MACRO
          IF_ERR(EXP,ERREXP1,ERREXP2) = BEGIN
                                                               CHECK FOR ERROR AND
                                                               EXECUTE ERROR HANDLING IF
                              STATUS:
                    LOCAL
                                                             ! AN ERROR DOES OCCUR
                    STATUS = EXP
                    IF NOT .STATUS
                              BEGIN
                              ERREXP1 ERREXP2
                              END:
                    END%:
MACRO
          UPCASE (DESC) =
                                                             ! Upcase a string
                    BEGIN
                    EXTERNAL ROUTINE MAILSUPCASE:
                    MAILSUPCASE (DESC);
                    ENDX:
MACRO
          CS_COUNT = 0,8,0%,
CS_STRING = 8,0,0%;
                                                             ! Counted string count field
                                                             ! Counted string string field
  Macro to generate descriptors names SD_string
MACRO
     SD[A] =
          BIND INAME ('SD_',A) = SDESCRIPTOR(A) %;
          $FAB_DEV - macro to access FAB$L_DEV bits of FAB block.
```

V

```
16-SEP-1984 16:51:58.47 Page 3
MAILREQ.REQ: 1
MACRO
      $fab_dev(dev_bit) =
$BYTEOFFSET(fab$l_dev),
$BITPOSITION(%NAME('dev$v_',dev_bit)),1,0%;
MACRO
      debug_print(string) =
    BEGIN
                   EXTERNAL ROUTINE LIBSPUT_OUTPUT:
                   LIBSPUT_OUTPUT($DESCRIPTOR(string));
                   ENDY:
  EQUATED SYMBOLS:
LITERAL
            TRUE
                                                                             True
            FALSE
                                     = 0.
                                                                             false
                                     = 13.
            CR
                                                                             ASCII Carriage Return
                                                                             ASCII Line Feed
ASCII Form Feed
                                     = 10.
            CTRLZ
                                     = 26.
                                                                             ASCII CTRL/Z
            ESC
                                                                             ASCII Escape
ASCII Comma
            COMMA
            MAIL$K_INBUFFSZ = 512;
                                                                          ! Input buffer size
  Define flags used for parsing message selection qualifiers
MACRO
     QUAL_BEFORE = 0.0.1.0%.
QUAL_SINCE = 0.1.1.0%.
QUAL_FILE = 0.2.1.0%.
QUAL_FROM = 0.3.1.0%.
QUAL_NEW = 0.4.1.0%.
QUAL_REPLIED = 0.5.1.0%.
QUAL_ANYQUAL = 0.0.6.0%.
QUAL_IMPLIED_NEW = 0.0.7.0%;
                                                                           !/BEFORE
                                                                           /SINCE
/FILE
                                                                           !/FROM
                                                                           !/NEW
                                                                           /REPLIED
                                                                           Test if any qual selected
                                                                           !/NEW IMPLIED, default to filename
SWITCHES ADDRESSING_MODE(EXTERNAL=GENERAL, NONEXTERNAL=GENERAL);
PSECT
     CODE = $CODE$ (ADDRESSING_MODE(GENERAL)),
OWN = $OWN$ (ADDRESSING_MODE(GENERAL)),
GLOBAL = $GLOBAL$ (ADDRESSING_MODE(GENERAL)),
PLIT = $CODE$ (ADDRESSING_MODE(GENERAL));
```

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